Work Orde Friday, October													Page 1
Revision ID:	D412-791-04				Accept					Setup	Start		
	Pitot Heat Mod 10/21/2010 10/28/2010	nitoring Ass Start Qt Req'd Q	y: 1.00	1 12 14 14 14 14 14 14 14 14 14 14 14 14 14		Cust Iten Custome					Stop		
Approvals:	Process Pla	n:	P	Date:/// / O-/	Tooling: SPC (Y/N):		Date:		J	Run -	Start Stop		
Sequence ID/ Work Center II)	Operation Description			Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Rej Qty		Reject Number	Insp. Stamp
Draw Nbr IIN-D412-791	Rev B	ision Nbr						-					
100 DC Document Control	Б	·	Memo Photocopy CHG 001	bluefile &type labels per F	0.00 0.00 PPP D412-791-047□	colulos			45) L	O W F	36 10) <u>-11-</u> 02
110 Packaging Packaging		Pick Kit	Мето		0.00				Wlu	5	(Day)
		QC4- 100%	6 Inspect kits	for completeness	0.00	. 4.1			(<u>1</u>)				,
QC			Memo		0.00	(CO)							

Quality Control

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Dail Aci	Ospace L	·u							7 5
W/O:			WO	RK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	'Approval QC Inspector
					-	 			
Part No) :	PAR #:	Fault Categ	ory:	NCR: Yes	No DQ	A:	_ Date: _	
	Res	olution:	Disposition	:	_ QA: N/C CI	osed:		Date: _	
NCR:]		WORK ORDE	R NON-CONFORMA	NCE (NCF	R)			
		Description of NC		Corrective Action Secti		Verific	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	k Sect	ion C	Chief Eng	QC Inspector
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						1			
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Work Order ID 63170

Friday, October 22, 2010 8:31:10 AM



Page 2

Item ID:

D412-791-047

Accept



Setup Start

Stop

Stop



Revision ID:

Item Name:

Pitot Heat Monitoring Assembly

Start Date:

Required Date: 10/28/2010

10/21/2010

Start Qty: 1.00

Req'd Qty: 1.00



Cust Item ID:

Customer:

Tool ID

Reference:

•					1_	
A	D	D.	.01	٧a	15	:

Process Plan: _____ Date: ____ Tooling:

Operation

Description

Date: _____

0.00

SPC (Y/N):

Set Up/

Run Hours

Date:

Date: ____

Tool # Plan

Code

Start Run



Qty

Reject

Accept

Qty

Insp.

Stamp

Sequence ID/

Work Center ID

130

Packaging Packaging

Memo

0.00

Identify and pack for shipping as per PPP D412-791-047

140

QC21- Final Inspection - Work Order Release

0.00

Quality Control

Memo

0.00

10/11/08/18/ Pl 10-11-08

Reject

Number

W/O:		WORK	ORDER CHANGES				,
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
					:		
Part No):	PAR #: Fault Category:	: NCR: Ye	s No DO	QA:	Date:	

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: ____

Verification Section C	Approval Chief Eng	Approval QC Inspecto
		QC Inspecto
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Picklist Print

Friday, October 22, 2010 8:31:15 AM

Work Order ID: 63170

Parent Item: D412-791-047

Parent Item Name: Pitot Heat Monitoring Assembly

Start Date: 10/21/2010

Required Date: 10/28/2010

Page 1

Start Qty: 1.00

Required Qty: 1.00

	Comments:	IPP RevA: New issu	e DD verified by:	EC										
	Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
6	18-200 ; Quick Connector, Plug	H	Purchased	No			110	Each	4.0000		10/11/8	1		
					Location ST400	115177	Loc	<u>Oty</u> 4 4	Loc Code		<u> </u>	-		
5	TN4007	II	Purchased :	No		•	110	Each	18.0000		; 4 /Ulu/ 3	SD		
					Location ST391	11432	Loc	<u>Oty</u> 18 18	Loc Code			-		
0	80-004-2-6 (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	HEND IND INDIAN DIN IDA	Purchased	No			110	Each	116.0000		3/1/8	A		
	,				Location ST377	114882	<u>Loc</u>	Oty 116 16 100	Loc Code	-	<u>.</u>	- -		
/	D3896-1		Manufactured	No		114930	110	Each	2.0000		2/11/18			
	•				Location ST093		Loc	Oty 2	Loc Code	_		_		

62103

W/O: WORK ORDER CHANGES									
DATE	STEP		PROCEDUF	E CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval
							:		
Part No):	PAF	R #: Fau	ılt Category:	NCR : Ye	s No DQ	A:	_ Date: _	
		Dandution	D:a	nosition	O A . N/O	· Clasad:		Data	

NCR:			WORK ORDE	ER NON-CONFORMANO	CE (NCR)	(NCR)								
		Description of NC		Corrective Action Section B		Verification	Approval	Approval						
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector						
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Friday, October 22, 2010 8:31:15 AM

Work Order ID: 63170 D412-791-047 Parent Item: Parent Item Name: Pitot Heat Monitoring Assembly Start Date: 10/21/2010 Required Date: 10/28/2010 Start Qty: 1.00 Required Qty: 1.00 D3897-1 110 3.0000 Manufactured Each Angle Location Loc Qty Loc Code ST094 48301 3 LED-50-17-BG-E0705 No 110 Each 3.0000 Purchased Annunciator Location Loc Qty Loc Code ST392 115177 ST465 112815 M12883/45-01 Purchased No 110 1.0000 Each Relay Base Location Loc Qty Loc Code ST395 112718 M81714/16-3 110 3.0000 Purchased No Each Terminal Blocks track Loc Code Location Loc Qty

ST395

114991

Dait Aci	Ospace	Eta							e
W/O:			WO	RK ORDER CHANG	ES				1
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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<u> </u>									
Part No	:	PAR #:	Fault Cate	jory:	NCR: Yes	No DQ	A:	Date: _	
	R	esolution:	Disposition	n:	_ QA: N/C CI	osed:		Date: _	
NCR:			WORK ORDE	ER NON-CONFORMA	NCE (NCF	R)			
		Description of NC		Corrective Action Section		Verifi	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	k Sect	ion C	Chief Eng	QC Inspector
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Required Date: 10/28/2010

Required Qty: 1.00

Friday, October 22, 2010 8:31:15 AM

Work Order ID: 63170 Parent Item: D412-791-047 Parent Item Name: Pitot Heat Monitoring Assembly Purchased

M81714/2-DC1 Terminal Blocks

M81714/2-DD2

Terminal Blocks

M83536/2-024

Purchased

Nut

Location

Location ST395

Location

114494 115108

ST300

<u>1</u>14991 115384

ST395

No

No

No

No

Purchased

Purchased

110

100

Loc Qty

Each

2

2 Each 2.0000

3.0000

Loc Code

Start Date: 10/21/2010

Start Qty: 1.00

Loc Oty Loc_Code

2 110 Each

Loc Qty

28

2

26

6.0000

Loc Code

Loc Code Loc Qty **Location** ST395 28.0000 110 Each

W/O:			WC	RK ORDER CHANG	SES	·			
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
			····					110011191	
Part No	_	PAR #:	Fault Cated	norv:	NCR: Yes	No DO	Δ.	Date:	
		esolution:			,				
NCR:			WORK ORDI	ER NON-CONFORM	ANCE (NCI	R)			
DATE	CTED	Description of NC	<u> </u>		tion B	Verif	ication	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Sec	tion C	Chief Eng	QC Inspector
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Friday, October 22, 2010 8:31:15 AM

	Triday, October 22, 2010 6.31.13 AM	•							
	Work Order ID: 63170 Parent Item: D412-791-047 Parent Item Name: Pitot Heat Monitori	ing Assembly					Start Date	: 10/21/2010	Required Date: 10/28/2010
							Start Qty		Required Qty: 1.00
<u></u>	MS21042L08 ·	Purchased	No		110	Each	250.0000 4		Q.
			<u>Lo</u> ST:	115300	. <u>Loc</u>	250 50	Loc Code		
7	MS24524-23	Purchased	No	115835	110	200 Each	3,0000 1	10/1/	s D
			<u>Lo</u>	cation 308 114991	<u>Loc</u>	3 3	Loc Code		
)	MS24524-31	Purchased	No		110	Each	3.0000 1	1 /0 /1/	15 SP
				<u>cation</u> 308 114991	<u>Loc</u>	3 3	Loc Code	<u>, </u>	
/	MS24693-S26	Purchased	No	***************************************	110	Each	166.0000 2	1/2	111/00/
	COLON			cation 288 	Loc	2 Oty 166 66 100	Loc Code	2	,

W/O:			WO	RK ORDER CHANG	ES					
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date Q	ty Approval Chief Eng / Prod Mgr	Approval QC Inspector		
				And Address			Prod Mgr			
<u>,</u>										
		·								
Part No:		PAR #:	Fault Categ	NCR: Yes No DQA: Date:						
	R	esolution:	Disposition	QA: N/C Clo	QA: N/C Closed: Date:					
NCR:		1	WORK ORDE	R NON-CONFORM	ANCE (NCR)	, M			
D. 47F	0750	Description of NC			tion B	Verification	on Approval	Approval		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C		QC Inspector		
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Picklist Print

Page 5

Friday, October 22, 2010 8:31:15 AM Work Order ID: 63170 Parent Item: D412-791-047 Parent Item Name: Pitot Heat Monitoring Assembly **Start Date:** 10/21/2010 Required Date: 10/28/2010 Start Qty: 1.00 Required Qty: 1.00 MS25036-102 15 Purchased No 110 50.0000 Each Location Loc Qty Loc Code CA022 50 112990 50 MS27039-08-14 Purchased No 110 Each 60.0000 Screw Location Loc Qty Loc Code ST291 60 60 112019 MS35207-260 110 Each Purchased No 97.0000 Screw Location Loc Oty Loc Code ST295 97 97 112719 NAS1149D0363J + 110 Each 2,036.000 Purchased No Washer Location Loc Qty Loc Code ST298 2036 114292 114 115107 25

1888

9

115622

9221

W/O:			W	ORK ORDER CHANGI	ES					
DATE	STEP	PRO	WORK ORDER CHANGES By Date Qty Approval Chief Eng / Prod Mgr OC Inspector NCR: Yes No DQA:							
						•				
Part No:		PAR #:	Fault Cat	egory:	NCR: Yes No DQA: Date:					
	R	esolution:	Dispositi	on:	_ QA: N/C C	A: N/C Closed: Da			Date:	
NCR:		,	WORK OR	DER NON-CONFORMA	NCE (NC	R)				
DATE	STEP	Description of NC			Verific	cation	Approval	Approval		
DATE	SIEP	Section A								
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Friday, October 22, 2010 8:31:15 AM

Work Order ID: 63170

Parent Item:

D412-791-047

Parent Item Name: Pitot Heat Monitoring Assembly

Start Date: 10/21/2010

Required Date: 10/28/2010 Required ty: 1.00

154.0000

Start Qty: 1.00

ÑAS1149DN632J

Purchased

NAS1149DN832J

WASHER

Purchased

No

No

Location ST297

154 54 100 110

110

Loc Code Loc Qty Each

Each

52.0000

Loc Code

No Purchased

Loc Qty **Location** 52 ST298 9 114740 19 115300 5 115470 19 115832 Each 110

19.0000

Resistor, 1k ohms

Location ST390

Loc Oty 19 7 12 Loc Code

W/O:	•		WO	RK ORDER CHANG	FS				<u> </u>
DATE	STEP	PRO	OCEDURE CHAN	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No	:	PAR #:	Fault Categ	ory:	NCR: Yes	No DQ	A:	Date: _	
	R	esolution:	Disposition	:	_ QA: N/C C	losed:		Date: _	
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCI	3)			
		Description of NC		Corrective Action Secti		Verifi	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Sect	ion C	Chief Eng	QC Inspector
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REFERENCE

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IIN-D412-791

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7.0 PARTS LIST

QTY	QTY	QTY	QTY	QTY	QTY		
-011	-041	-043	-045	-047	-049	PART NUMBER	DESCRIPTION
х						D412-791-011	SAFETY ENHANCEMENT KITS COMPLETE
1	х					D412-791-041	FLASHLIGHT KIT
1		Х				D412-791-043	MAPBOX KIT
1			Х			D412-791-045	EXIT ILLUMINATION KIT
1				Х		D412-791-047	PITOT HEAT MONITORING KIT
1					Х	D412-791-049	STANDBY ATTITUDE BATTERY MONITORING KIT
						D2021 1	FLASHLIGHT
	2					D3921-1	
	4					D3922-1	CLIP
	2					D3923-1	ANGLE
	4			· . 		D3924-1	SHIM
	8					MS20426AD3-6	RIVETS
	6					MS20470AD4-5	RIVET
	4					MS21059-L3	ANCHOR NUT
I	4					MS35207-264	SCREW
		1				D3936-041	MAPBOX
		4				MS35207-244	SCREW
			16			D3937-041	PHOTOLUMINESCENT STRIPS
			90			D3950-1	RIVET (INCLUDES 10 EXTRA)
				1		18-200 -	CONNECTOR
				4		1N4007 /	DIODE
				3		80-004-2-6 /	POTTED INSERTS
				2	-	D3896-1	RELAY
				1		D3897-1	ANGLE
				1		LED-50-17-BG-E0705	ANNUNCIATOR
				1		M12883/45-01	RELAY BASE
				1		M81714/16-3	TERMINAL BLOCKS TRACK
				2		M81714/2-DC1	TERMINAL BLOCKS
				1		M81714/2-DD2 7	TERMINAL BLOCKS

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Revision: **B**

Date: 09. 07.22



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IIN-D412-791

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QTY	QTY	QTY	QTY	QTY	QTY		
-011	-041	-043	-045	-047	-049	PART NUMBER	DESCRIPTION
				1		M83536/2-024	RELAY
				2		MS21042L06	NUT
				4		MS21042L08 ,	NUT
				1		MS24524-23	SWITCH, DPDT
				1		MS24524-31	SWITCH, DPDT
				2		MS24693S26	SCREW
				15		MS25036-102	TERMINAL LUGS, #6
				4		MS27039-0814 /	SCREW
				3		MS35207-260 /	SCREW
				3		NAS1149D0363J /	WASHER
				2		NAS1149DN632J	WASHER
				8		NAS1149DN832J	WASHER
				1		HW210	RESISTOR, 1K OHMS
					1	18-200	CONNECTOR
					5	1N4007	DIODE
					3	80-004-2-6	POTTED INSERTS
					1	D3897-1	ANGLE
	-				1	D3938-1	DECAL
					1	LED-50-17-HK-E0700	ANNUNCIATOR (STBY BATT)
					1	M12883/45-01	RELAY BASE
					1	M81714/16-3	TERMINAL BLOCKS TRACK
					2	M81714/2-DC1	TERMINAL BLOCKS
					1	M81714/2-DD2	TERMINAL BLOCKS
					1	M83536/2-024	RELAY
					2	MS21042L06	NUT
			•		2	MS24693S26	SCREW
					3	MS35207-260	SCREW
·					3	NAS1149D0363J	WASHER
					2	NAS1149DN632J	WASHER
					1	HW210	RESISTOR, 1K OHMS

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